

Title (en)  
TOOL HOLDER WITH BUILT-IN CAVITIES

Title (de)  
WERKZEUGHALTER MIT EINGEBAUTEN KAVITÄTEN

Title (fr)  
PORTE-OUTIL AVEC DES CAVITÉS INCORPORÉES

Publication  
**EP 4234136 A3 20230906 (DE)**

Application  
**EP 23168415 A 20131220**

Priority  
• DE 102012025075 A 20121221  
• DE 102013103168 A 20130327  
• EP 13817685 A 20131220  
• EP 2013077782 W 20131220

Abstract (en)  
[origin: DE102013103168B3] The chuck has a base body (2) for coupling the chuck to a spindle of a machine tool, and a clamping section (3) connected with the base body and provided for clamping a tool i.e. cutter head. The clamping section is designed as a casing section. A single-piece, molded section comprises cavities (9) in an inner area, where the cavities form an enclave in the molded section. The cavities form a ring portion-shaped channel in a circumferential direction, where the channel runs concentrically to a rotational axis (R) of the chuck in an inner side of the molded section. An independent claim is also included for a method for manufacturing a tool holder.

Abstract (de)  
Werkzeughalter (1) mit einem Grundkörper (2) zum Ankuppeln des Werkzeughalters (1) an die Spindel einer Werkzeugmaschine und einem damit verbundenen Spannschnitt (3) zum Spannen eines Werkzeugs, wobei der Werkzeughalter (1) mindestens einen einstückig urgeformten Abschnitt aufweist, der in seinem Inneren mehrere Kavitäten (9) aufweist, die eine Enklave in dem urgeformten Abschnitt bilden und die so angeordnet sind, dass sie auf mindestens zwei koaxial ineinander liegenden, gedachten Zylinder- oder Kegelmänteln liegen.

IPC 8 full level  
**B22F 5/10** (2006.01); **B22F 7/08** (2006.01); **B22F 10/64** (2021.01); **B23B 31/02** (2006.01); **B23B 31/11** (2006.01); **B23B 31/117** (2006.01); **B23B 31/20** (2006.01); **B23B 31/30** (2006.01); **B23C 5/26** (2006.01); **B33Y 80/00** (2015.01)

CPC (source: CN EP US)  
**B22F 5/10** (2013.01 - EP US); **B22F 7/08** (2013.01 - EP US); **B22F 10/64** (2021.01 - CN EP US); **B23B 31/02** (2013.01 - CN EP US); **B23B 31/11** (2013.01 - EP US); **B23B 31/117** (2013.01 - CN); **B23B 31/1177** (2013.01 - EP US); **B23B 31/1178** (2013.01 - US); **B23B 31/1179** (2013.01 - EP US); **B23B 31/20** (2013.01 - CN); **B23B 31/20125** (2021.01 - CN EP US); **B23B 31/202** (2013.01 - CN EP US); **B23B 31/30** (2013.01 - CN); **B23B 31/305** (2013.01 - EP US); **B23C 5/26** (2013.01 - EP US); **B33Y 80/00** (2014.12 - EP); **B22F 10/28** (2021.01 - CN EP US); **B23B 31/005** (2013.01 - CN); **B23B 2250/12** (2013.01 - EP US); **B23B 2250/16** (2013.01 - EP US); **B23B 2265/326** (2013.01 - EP US); **Y02P 10/25** (2015.11 - EP US); **Y10T 279/1216** (2015.01 - EP US); **Y10T 279/17931** (2015.01 - EP US); **Y10T 279/17957** (2015.01 - EP US); **Y10T 407/1946** (2015.01 - EP US)

Citation (search report)  
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Designated contracting state (EPC)  
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)  
**DE 102013103168 B3 20140417**; CN 104903037 A 20150909; CN 104903037 B 20180821; CN 104918737 A 20150916; CN 104918737 B 20200310; CN 111451532 A 20200728; CN 111451532 B 20231031; DE 102013105171 B3 20140417; DE 202013012642 U1 20180205; EP 2934800 A2 20151028; EP 2934800 B1 20230510; EP 2934801 A1 20151028; EP 2934801 B1 20200701; EP 3549702 A1 20191009; EP 3549702 B1 20200624; EP 4234136 A2 20230830; EP 4234136 A3 20230906; JP 2016500345 A 20160112; JP 2016504207 A 20160212; JP 2019063992 A 20190425; JP 2021035720 A 20210304; JP 6446367 B2 20181226; JP 6450684 B2 20190109; JP 6791936 B2 20201125; JP 7194721 B2 20221222; US 10442008 B2 20191015; US 11554422 B2 20230117; US 2015336179 A1 20151126; US 2016193666 A1 20160707; US 2020016665 A1 20200116; US 9889507 B2 20180213; WO 2014096380 A1 20140626; WO 2014096404 A2 20140626; WO 2014096404 A3 20141009

DOCDB simple family (application)  
**DE 102013103168 A 20130327**; CN 201380066909 A 20131220; CN 201380067373 A 20131220; CN 202010097887 A 20131220; DE 102013105171 A 20130521; DE 202013012642 U 20131220; EP 13817685 A 20131220; EP 13821107 A 20131220; EP 19176556 A 20131220; EP 2013077737 W 20131220; EP 2013077782 W 20131220; EP 23168415 A 20131220; JP 2015548641 A 20131220; JP 2015548652 A 20131220; JP 2018233268 A 20181213; JP 2020184999 A 20201105; US 201314654662 A 20131220; US 201314654830 A 20131220; US 201916580304 A 20190924